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(21)Application number : 10-287888 (71)Applicant : IDEMITSU KOSAN CO LTD
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4) ADDITIVE FOR TRACTION DRIVE OIL

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain an additive which gives an excellent wear resistance and an excellent scoring resistance to a traction drive oil by blending a boron-containing phosphoric acid derivative having a specific absorbance in each of a phosphorus nuclear magnetic resonance spectroscopic measurement and a boron nuclear magnetic resonance spectroscopic measurement.
SOLUTION: A boron-containing phosphoric acid derivative having an absorbance at 10 to -5 ppm in a phosphorus nuclear magnetic resonance spectroscopic measurement and absorbances both at 5 to -ppm and/or at -20 to -25 ppm is added to an additive for a traction drive oil. Although the composition and the structure of the boron-containing phosphoric acid derivative are not limited, a reaction product between a phosphorus compound such as a phosphoric ester, an acidic phosphoric ester, a phosphonic ester or the like, and a boron-containing compound such as boric acid, a boric ester, a boron-containing imide or the like, is preferably cited.

LEGAL STATUS

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